

Message

From: Husby, Peter [Husby.Peter@epa.gov]
Sent: 2/28/2017 8:35:03 PM
To: Nagle, Greg [Nagle.Greg@epa.gov]
Subject: FW: Sediment Sampling Sched for Sims Redwood Harbor
Attachments: Sims RWC tidedaylight March_rev.pdf

Greg,

Here is a third in the series of emails about the site and the work. If you think you can do one of the days, I will let Juliet know that you are going to go out, and the two of you can coordinate. Thanks,

Peter
Peter Husby
Laboratory Director
USEPA Region IX Laboratory
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Richmond, CA 94804
Phone: 510 412-2311
FAX: 510 412-2302
Email: husby.peter@epa.gov

From: Hannafin, Juliet
Sent: Tuesday, February 28, 2017 8:18 AM
To: Husby, Peter <Husby.Peter@epa.gov>; Ross, Brian <Ross.Brian@epa.gov>; ZIFF, SARA <ZIFF.SARA@EPA.GOV>
Cc: Wampler, David <Wampler.David@epa.gov>
Subject: FW: Sediment Sampling Sched for Sims Redwood Harbor

Sims Team,

It would've helped if I also forwarded to you the attached tide chart that Sims has drawn up!
They mark the times that they think the sampling locations will be accessible by boat (no higher than 6 feet).
They may find that they need a lower tide than 6 feet for accessing the area north of the conveyor belt.

I see it may rain next Wed and Thurs, so if possible it would be best for us to *not* target those days (though of course you can if you want!)... if it rains, I'll probably be in Oakland doing an industrial stormwater inspection instead.

Thanks,
Juliet

From: Jeff Wallace [<mailto:jeff.wallace@terraphase.com>]
Sent: Monday, February 27, 2017 11:33 AM
To: Hannafin, Juliet <Hannafin.Juliet@epa.gov>; Melisa Cohen <Melisa.Cohen@simsmm.com>
Cc: Peter Zawislanski <peter.zawislanski@terraphase.com>; Wampler, David <Wampler.David@epa.gov>; Ross, Brian <Ross.Brian@epa.gov>; Campbell, Rich <Campbell.Rich@epa.gov>; ZIFF, SARA <ZIFF.SARA@EPA.GOV>
Subject: RE: Sediment Sampling Sched for Sims Redwood Harbor

Hi Juliet:

Our general plan is as follows:

- Work south to north for stations inside the wharf.
- Focus on coring on Mar 6 beginning at station 38, continuing on the line 38-39-40-9-8-7 in that order. Then move to line 2-4-6-5 in that order.
- Collect surface grabs when it is convenient based on boat position and the time we have before we need to transit under the wharf to avoid tidal entrapment.
- Sample at background stations as fill in to maximize the overall production of a day when the tide preclude access under the wharf during daylight hours.

The table below provides our current order of procession for the first three days and the approximate hours for core sampling. Since we may hit refusal on some and not others, specifying a coring time per station is not something we can project.

Station	Date	Time
38	6-Mar	10:00-16:00
39		
40		
9		
8	7-Mar	10:30-16:30
7		
2		
4		
6	8-Mar	11:30-16:30
5		

We estimate we'll achieve a production rate of four cores per day as shown. At core stations 41, 43, 44, 47, 48, 49, 50, and 52, production rates may be less (perhaps 3) as the boat maneuvering may be more difficult.

A tide cycle chart that illustrates that daylight-tide factors that we'll be working around is attached. The charts indicate when the tides will be below 6 feet MLLW which is roughly when we anticipate we can work inside the wharf. As you will note, this will cause our program schedule will be little each day.

Once we get a day or two under our belt we'll likely have a better ability to make predictions. If you special interest in any location, we can aim to give you a ring or message.

Regards, Jeff

From: Hannafin, Juliet [<mailto:Hannafin.Juliet@epa.gov>]
Sent: Friday, February 24, 2017 8:17 AM
To: Melisa Cohen <Melisa.Cohen@simsmm.com>
Cc: Peter Zawislanski <peter.zawislanski@terrphase.com>; Jeff Wallace <jeff.wallace@terrphase.com>; Wampler, David <Wampler.David@epa.gov>; Ross, Brian <Ross.Brian@epa.gov>; Campbell, Rich <Campbell.Rich@epa.gov>; ZIFF, SARA <ZIFF.SARA@EPA.GOV>
Subject: RE: Sediment Sampling Sched for Sims Redwood Harbor

(I see I drafted this email last week and never clicked "Send"):

Thank you, Melisa and Jeff, for the update.

I'd been planning on getting in touch with you.

Please provide me with a more detailed schedule of which locations you plan on sampling on which days, and approximately what times considering the tides.

Thanks again,
Juliet Hannafin
CWA Inspector/Scientist
Enforcement Division
USEPA Region IX
(415) 972-3094

From: Melisa Cohen [<mailto:Melisa.Cohen@simsmm.com>]
Sent: Thursday, February 16, 2017 1:12 PM
To: Hannafin, Juliet <Hannafin.Juliet@epa.gov>
Cc: Peter Zawislanski <peter.zawislanski@terrphase.com>; Jeff Wallace <jeff.wallace@terrphase.com>
Subject: RE: Sediment Sampling Schedule

Juliet

I am forwarding the below email to provide EPA notification that Terraphase plans to initiate SSAP sampling on March 6th. Terraphase has provided some more details on the schedule below but please feel free to reach out to Jeff Wallace who is the Terraphase Project Lead if you need more information.

Regards, Melisa

From: Jeff Wallace [<mailto:jeff.wallace@terrphase.com>]
Sent: Thursday, February 16, 2017 9:39 AM
To: Melisa Cohen <Melisa.Cohen@simsmm.com>
Cc: Peter Zawislanski <peter.zawislanski@terrphase.com>
Subject: Sediment Sampling Schedule

Hi Melisa:

We are planning to begin the Redwood Creek sampling on March 6, with an estimated completion of field activities in the middle of the following week. We don't plan to work the weekend days of Mar11-12.

Would like us to notify EPA, or would you like to do this?

The daily field schedule will evolve day to day as we flex around the tidal cycle to maximize our production during the daylight hours. On the first day of sampling (March 6), the crew will aim to get inside the wharf perhaps as early as 9:30 am.

Jeff Wallace, RG, LHg
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